dividually rigidly connected with said drum shafts adjacent to said loosely mounted bevel gears and controlled by said relays for individually clutching a bevel gear to its shaft.

4. An apparatus according to claim 2, said first two actuating drums having at their periphery intercrossing left-handed and right-handed helicoidal grooves closed adjacent to the intercrossings at the ends of the recorder-drums, and pins individually and revolvably mounted on the corresponding stylus-carrying slides and having each a tip of segment-shaped cross section engaging said helicoidal grooves.

5. An apparatus for measuring the level of a liquid, comprising, in combination, a rotatable shaft, two electrically conductive flexible members adapted to be wound on and unwound from said shaft, each member having one end connected with said shaft and having a free end, a float floating on the liquid whose level is to be measured, an electrically conductive liquid in said float, a contact means suspended at the free ends of said flexible members and vertically yieldingly connected with said float, said contact means comprising two contact rods individually electrically connected with said flexible members and electrically insulated from one another and having points positioned adjacent to the surface of the electrically conductive liquid in said float, an electric circuit comprising a solenoid, a source of electricity connected through said solenoid in series with said two flexible means, said circuit being closed and said solenoid being energized upon contact of said points with the liquid in said float, power means connected with said shaft for rotating same and comprising means adapted to be actuated by said solenoid for controlling the direction of rotation of said shaft, the latter being rotated to unwind said flexible members from said shaft upon removal of said points from the liquid in said float, and being rotated to wind said flexible members on said shaft upon contact of said points with the liquid in said float, and means connected with said shaft for indicating the number of revolutions of said shaft made in either direction of rotation.

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